

GenCore version 5.1.3

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OM protein - protein search, using sw model

Run on: February 21, 2003, 12:32:03 ; Search time 30 Seconds

(without alignments)

2.071 Million cell updates/sec

Title: SHORT-PEP

Perfect score: 16

Sequence: 1 rw 2

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 156504 seqs, 31069816 residues

Post-processing: Minimum Match 0%

Maximum DB seq length: 5

Total number of hits satisfying chosen parameters: 4007

Minimum DB seq length: 0

Maximum-DB-seq-length: 5

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 100 summaries

Database : Published\_Applications.AA:\*

1: /cgn2\_6/ptodata/2/pupba/us08\_NEW\_PUB.pep:\*

2: /cgn2\_6/ptodata/2/pupba/pctc\_NEW\_PUB.pep:\*

3: /cgn2\_5/ptodata/2/pupba/us06\_NEW\_PUB.pep:\*

4: /cgn2\_6/ptodata/2/pupba/us07\_NEW\_PUB.pep:\*

5: /cgn2\_6/ptodata/2/pupba/us07\_F\_PUBCOMB.pep:\*

6: /cgn2\_6/ptodata/2/pupba/us07\_F\_PUBCOMB.pep:\*

7: /cgn2\_6/ptodata/2/pupba/pctus\_PUBCOMB.pep:\*

8: /cgn2\_6/ptodata/2/pupba/us08\_PUBCOMB.pep:\*

9: /cgn2\_6/ptodata/2/pupba/us09\_NEW\_PUB.pep:\*

10: /cgn2\_6/ptodata/2/pupba/us09\_PUBCOMB.pep:\*

11: /cgn2\_6/ptodata/2/pupba/us10\_NEW\_PUB.pep:\*

12: /cgn2\_5/ptodata/2/pupba/us10\_F\_PUBCOMB.pep:\*

13: /cgn2\_6/ptodata/2/pupba/us60\_NEW\_PUB.pep:\*

14: /cgn2\_6/ptodata/2/pupba/us60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query	Length	DB ID	Description
1	16	100.0	4	10	US-09-929-818-206
2	16	100.0	4	12	US-10-040-47-1
3	16	100.0	5	9	US-10-074-956-6
4	16	100.0	5	9	US-10-105-930-75
5	16	100.0	5	9	US-09-903-422-43
6	16	100.0	5	9	US-09-903-412-44
7	16	100.0	5	9	US-09-903-412-46
8	16	100.0	5	9	US-09-903-412-59
9	16	100.0	5	9	US-09-903-412-67
10	16	100.0	5	9	US-09-903-412-74
11	16	100.0	5	9	US-09-903-412-76
12	16	100.0	5	9	US-09-903-412-78
13	16	100.0	5	9	US-09-903-412-80
14	16	100.0	5	9	US-09-903-412-82
15	16	100.0	5	9	US-09-903-412-84
16	16	100.0	5	9	US-09-903-412-86
17	16	100.0	5	9	US-09-903-412-88
18	16	100.0	5	9	US-09-903-412-90
19	16	100.0	5	9	US-09-903-412-92
20	16	100.0	5	9	US-09-903-412-104
21	16	100.0	5	9	US-09-903-412-105
22	16	100.0	5	9	US-09-903-412-108
23	16	100.0	5	10	US-09-906-749A-43
24	16	100.0	5	10	US-09-906-749A-44
25	16	100.0	5	10	US-09-906-749A-46
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43	16	100.0	5	10	US-09-906-749A-92
44	13	81.2	4	8	US-08-884-409-29
45	13	81.2	4	9	US-10-015-915-10
46	13	81.2	4	10	US-09-780-070-1
47	13	81.2	4	10	US-09-780-070-2
48	13	81.2	4	10	US-09-854-204-6
49	13	81.2	4	10	US-09-977-831-10
50	13	81.2	5	9	US-10-105-930-57
51	13	81.2	5	9	US-09-931-378-78
52	13	81.2	5	10	US-09-780-070-6
53	13	81.2	5	10	US-09-780-070-7
54	13	81.2	5	10	US-09-973-145-14
55	12	75.0	5	9	US-09-995-749A-14
56	12	75.0	5	9	US-10-105-930-71
57	11	68.8	3	9	US-10-876A-6
58	11	68.8	3	10	US-09-922-261-291
59	11	68.8	3	10	US-09-922-261-405
60	11	68.8	3	10	US-09-982-172-25
61	11	68.8	4	1	US-08-841-638A-3
62	11	68.8	4	8	US-08-884-409-5
63	11	68.8	4	8	US-08-981-824-43
64	11	68.8	4	8	US-08-424-550B-216
65	11	68.8	4	8	US-08-424-550B-314
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69	11	68.8	4	9	US-09-858-426-58
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RESULT 1  
US-99-929-818-206  
; Sequence 206, Application US/09929818  
; Patent No. US20020099003A1  
; GENERAL INFORMATION:  
; APPLICANT: WILSON, LELAND F.  
; PLACE, VIRGIL A.  
; TITLE OF INVENTION: TREATMENT OF FEMALE SEXUAL DYSFUNCTION WITH VASOACTIVE  
; TITLE OF INVENTION: AGENTS, PARTICULARLY VASOACTIVE INTESTINAL POLYPEPTIDE  
; FILE REFERENCE: 9050-0013\_24  
; CURRENT APPLICATION NUMBER: US/09/929,818  
; CURRENT FILING DATE: 2001-08-13  
; PRIOR APPLICATION NUMBER: 09/498,522  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: 09/181,316  
; PRIOR FILING DATE: 1998-10-27  
; PRIOR APPLICATION NUMBER: 08/959,064  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 08/959,057  
; PRIOR FILING DATE: 1997-10-28  
; NUMBER OF SEQ ID NOS: 207  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO: 206  
; LENGTH: 4  
; TYPE: PRT  
; ORGANISM: Unknown Organism  
; OTHER INFORMATION: Description of Unknown Organism: Melanocortin  
; OTHER INFORMATION: Peptide  
; US-09-929-818-206

RESULT 2  
US-10-040-547-1  
; Sequence 1, Application US/10040547  
; Patent No. US20020107182A1  
; GENERAL INFORMATION:  
; APPLICANT: Palatin Technologies, Inc.  
; PLACE, CHRISTINE  
; TITLE OF INVENTION: Compositions and Methods for Treatment of Sexual  
; FILE REFERENCE: 70325-04-CIP  
; CURRENT APPLICATION NUMBER: US/10/040,547  
; CURRENT FILING DATE: 2002-01-04  
; PRIOR APPLICATION NUMBER: 60/142,346  
; PRIOR FILING DATE: 1999-06-29  
; PRIOR APPLICATION NUMBER: 60/194,987  
; PRIOR FILING DATE: 2000-04-05

RESULT 3  
US-10-074-956-6  
; Sequence 6, Application US/10074956  
; Publication No. US20020193332A1  
; GENERAL INFORMATION:  
; APPLICANT: Hedley, Mary Lynne  
; TITLE OF INVENTION: METHODS OF TREATING BLADDER DISORDERS  
; FILE REFERENCE: 08191-022001  
; CURRENT APPLICATION NUMBER: US/10/074,956  
; CURRENT FILING DATE: 2002-06-10  
; PRIOR APPLICATION NUMBER: 60/268,175  
; PRIOR FILING DATE: 2001-12-12  
; NUMBER OF SEQ ID NOS: 29  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO: 6  
; LENGTH: 5  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-10-074-956-6

RESULT 4  
US-10-105-930-75  
; Sequence 75, Application US/10105930  
; Publication No. US2003009018A1  
; GENERAL INFORMATION:  
; APPLICANT: Maeda, Masatoshi  
; APPLICANT: Iwuchi, No. US2003009018A1  
; FILE REFERENCE: 06501-105US1  
; CURRENT APPLICATION NUMBER: US/10/105,930  
; CURRENT FILING DATE: 2002-03-25  
; PRIOR APPLICATION NUMBER: PCT/JP00/06554  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: JP 2000-240397  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: JP 11-273358  
; PRIOR FILING DATE: 1999-09-27  
; NUMBER OF SEQ ID NOS: 77  
; SOFTWARE: FastSEQ for Windows Version 4.0

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; SEQ ID NO 75
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-105-930-75

Query Match 100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
Db 3 RW 4

RESULT 5
US-09-903-412-43
; Sequence 43, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohei
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109_050051
; CURRENT APPLICATION NUMBER: US/09/903_412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 43
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the BC loop of ubiquitin-binding
; OTHER INFORMATION: monobody clone 422.
; OTHER INFORMATION: monobody clone 422.

US-09-903-412-43

Query Match 100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
Db 2 RW 3

RESULT 6
US-09-903-412-44
; Sequence 44, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohei
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109_050051
; CURRENT APPLICATION NUMBER: US/09/903_412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the BC loop of ubiquitin-binding
; OTHER INFORMATION: monobody clone 422.

US-09-903-412-44

Query Match 100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
Db 1 RW 2

RESULT 7
US-09-903-412-46
; Sequence 46, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohei
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109_050051
; CURRENT APPLICATION NUMBER: US 60/217,474
; PRIOR APPLICATION NUMBER: US/09/903_412
; CURRENT FILING DATE: 2001-07-11
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the FG loop of ubiquitin-binding
; OTHER INFORMATION: monobody clone 424.
; OTHER INFORMATION: monobody clone 424.

US-09-903-412-46

Query Match 100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
Db 2 RW 3

RESULT 8
US-09-903-412-59
; Sequence 59, Application US/09903412
; Publication No. US20030027319A1
; GENERAL INFORMATION:
; APPLICANT: Koide, Shohei
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
; FILE REFERENCE: 109_050051
; CURRENT APPLICATION NUMBER: US/09/903_412
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US 60/217,474
; PRIOR FILING DATE: 2000-07-11
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 5
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The sequence of the BC loop of clone pLB24.6.
; OTHER INFORMATION: The sequence of the BC loop of clone pLB24.6.

US-09-903-412-59

Query Match 100.0%; Score 16; DB 9; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
Db 1 RW 2

RESULT 9
US-09-903-412-67
; Sequence 67, Application US/09903412
; Publication No. US20030027319A1

```

GENERAL INFORMATION:  
 APPLICANT: Koide, Shohel  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 FILE REFERENCE: 109\_050US1  
 CURRENT APPLICATION NUMBER: US/09/903,412  
 CURRENT FILING DATE: 2001-07-11  
 PRIOR APPLICATION NUMBER: US 60/217,474  
 NUMBER OF SEQ ID NOS: 121  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 67  
 LENGTH: 5  
 TYPE: PRT  
 FEATURE:  
 OTHER INFORMATION: The sequence of the BC loop of clone pLB24.11.

US-09-903-412-67

Query Match 100 0%; Score 16; DB 9; Length 5;  
 Best Local Similarity 100 0%; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 RW 2  
 |||  
 Db 2 RW 3

RESULT 10  
 US-09-903-412-74  
 Publication No. US20030027319A1  
 GENERAL INFORMATION:  
 APPLICANT: Koide, Shohel  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 FILE REFERENCE: 109\_050US1  
 CURRENT APPLICATION NUMBER: US/09/903,412  
 CURRENT FILING DATE: 2001-07-11  
 PRIOR APPLICATION NUMBER: US 60/217,474  
 NUMBER OF SEQ ID NOS: 121  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 74  
 LENGTH: 5  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: The sequence of the BC loop of clone pLB24.11.

US-09-903-412-74

Query Match 100 0%; Score 16; DB 9; Length 5;  
 Best Local Similarity 100 0%; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 RW 2  
 |||  
 Db 2 RW 3

RESULT 12  
 US-09-903-412-78  
 Publication No. US09903412  
 GENERAL INFORMATION:  
 APPLICANT: Koide, Shohel  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 FILE REFERENCE: 109\_050US1  
 CURRENT APPLICATION NUMBER: US/09/903,412  
 CURRENT FILING DATE: 2001-07-11  
 PRIOR APPLICATION NUMBER: US 60/217,474  
 PRIOR FILING DATE: 2000-07-11  
 NUMBER OF SEQ ID NOS: 121  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 78  
 LENGTH: 5  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: The sequence of the FG loop of clone pLB25.3.

US-09-903-412-78

Query Match 100 0%; Score 16; DB 9; Length 5;  
 Best Local Similarity 100 0%; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 RW 2  
 |||  
 Db 2 RW 3

RESULT 13  
 US-09-903-412-80  
 Publication No. US20030027319A1  
 GENERAL INFORMATION:  
 APPLICANT: Koide, Shohel  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 FILE REFERENCE: 109\_050US1  
 CURRENT APPLICATION NUMBER: US/09/903,412  
 CURRENT FILING DATE: 2001-07-11  
 PRIOR APPLICATION NUMBER: US 60/217,474  
 PRIOR FILING DATE: 2000-07-11  
 NUMBER OF SEQ ID NOS: 121  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 80  
 LENGTH: 5  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: The sequence of the FG loop of clone pLB25.4.

US-09-903-412-80

Query Match 100 0%; Score 16; DB 9; Length 5;  
 Best Local Similarity 100 0%; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 RW 2  
 |||  
 Db 2 RW 3

RESULT 11  
 US-09-903-412-76  
 Publication No. US/09903412  
 GENERAL INFORMATION:  
 APPLICANT: Koide, Shohel  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 FILE REFERENCE: 109\_050US1  
 CURRENT APPLICATION NUMBER: US/09/903,412  
 CURRENT FILING DATE: 2001-07-11  
 PRIOR APPLICATION NUMBER: US 60/217,474  
 NUMBER OF SEQ ID NOS: 121  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 76  
 LENGTH: 5  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: The sequence of the FG loop of clone pLB25.4.

US-09-903-412-76

Query Match 100 0%; Score 16; DB 9; Length 5;  
 Best Local Similarity 100 0%; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
 ||  
 Db 3 RW 4

RESULT 14  
 US-09-903-412-82  
 ; Sequence 82, Application US/09903412  
 ; Publication No. US20030027319A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Koide, Shohei  
 ; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 ; FILE REFERENCE: 109\_050051  
 ; CURRENT APPLICATION NUMBER: US/09/903, 412  
 ; CURRENT FILING DATE: 2001-07-11  
 ; PRIORITY NUMBER: US 60/217, 474  
 ; NUMBER OF SEQ ID NOS: 121  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 82  
 ; LENGTH: 5  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE: OTHER INFORMATION: The sequence of the FG loop of clone pLB25.4.  
 ; US-09-903-412-82

Query Match 100.0%; Score 16; DB 9; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 RW 2  
 ||  
 Db 2 RW 3

RESULT 15  
 US-09-903-412-84  
 ; Sequence 84, Application US/09903412  
 ; Publication No. US20030027319A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Koide, Shohei  
 ; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 ; FILE REFERENCE: 109\_050051  
 ; CURRENT APPLICATION NUMBER: US/09/903, 412  
 ; CURRENT FILING DATE: 2001-07-11  
 ; PRIORITY NUMBER: US 60/217, 474  
 ; NUMBER OF SEQ ID NOS: 121  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 84  
 ; LENGTH: 5  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE: OTHER INFORMATION: The sequence of the FG loop of clone pLB25.5.  
 ; US-09-903-412-84

Query Match 100.0%; Score 16; DB 9; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 RW 2  
 ||  
 Db 3 RW 4

RESULT 16  
 US-09-903-412-86  
 ; Sequence 86, Application US/09903412  
 ; Publication No. US20030027319A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Koide, Shohei  
 ; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 ; FILE REFERENCE: 109\_050051  
 ; CURRENT APPLICATION NUMBER: US/09/903, 412  
 ; CURRENT FILING DATE: 2001-07-11  
 ; PRIORITY NUMBER: US 60/217, 474  
 ; NUMBER OF SEQ ID NOS: 121  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 86  
 ; LENGTH: 5  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE: OTHER INFORMATION: The sequence of the FG loop of clone pLB25.7.  
 ; US-09-903-412-86

Query Match 100.0%; Score 16; DB 9; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 RW 2  
 ||  
 Db 3 RW 4

RESULT 17  
 US-09-903-412-88  
 ; Sequence 88, Application US/09903412  
 ; Publication No. US20030027319A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Koide, Shohei  
 ; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 ; FILE REFERENCE: 109\_050051  
 ; CURRENT APPLICATION NUMBER: US/09/903, 412  
 ; CURRENT FILING DATE: 2001-07-11  
 ; PRIORITY NUMBER: US 60/217, 474  
 ; NUMBER OF SEQ ID NOS: 121  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 88  
 ; LENGTH: 5  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE: OTHER INFORMATION: The sequence of the FG loop of clone pLB25.9.  
 ; US-09-903-412-88

Query Match 100.0%; Score 16; DB 9; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 RW 2  
 ||  
 Db 3 RW 4

RESULT 18  
 US-09-903-412-90  
 ; Sequence 90, Application US/09903412  
 ; Publication No. US20030027319A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Koide, Shohei  
 ; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 ; FILE REFERENCE: 109\_050051  
 ; CURRENT APPLICATION NUMBER: US/09/903, 412  
 ; CURRENT FILING DATE: 2001-07-11  
 ; PRIORITY NUMBER: US 60/217, 474  
 ; NUMBER OF SEQ ID NOS: 121  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 90  
 ; LENGTH: 5  
 ; TYPE: PRT

; ORGANISM: Artificial sequence  
; FEATURE: ||  
; OTHER INFORMATION: The sequence of the FG loop of clone pLB25.11.  
; US-09-903-412-90

Query Match 100.0%; Score 16; DB 9; Length 5;  
; Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
; Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
; Db 2 RW 3

RESULT 19  
; US-09-903-412-92  
; Sequence 92, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.050US1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; CURRENT FILING DATE: 2001-07-11  
; PRIORITY FILING DATE: 2000-07-11  
; PRIORITY APPLICATION NUMBER: US 60/217,474  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; LENGTH: 5  
; SEQ ID NO: 92

Query Match 100.0%; Score 16; DB 9; Length 5;  
; Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
; Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
; Db 3 RW 4

RESULT 20  
; US-09-903-412-104  
; Sequence 104, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.050US1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; CURRENT FILING DATE: 2001-07-11  
; PRIORITY FILING DATE: 2000-07-11  
; PRIORITY APPLICATION NUMBER: US 60/217,474  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; LENGTH: 5  
; SEQ ID NO: 104

Query Match 100.0%; Score 16; DB 9; Length 5;  
; Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
; Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
; Db 2 RW 3

RESULT 21  
; US-09-903-412-106  
; Sequence 106, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.050US1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; CURRENT FILING DATE: 2001-07-11  
; PRIORITY FILING DATE: 2000-07-11  
; PRIORITY APPLICATION NUMBER: US 60/217,474  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; LENGTH: 5  
; SEQ ID NO: 106

Query Match 100.0%; Score 16; DB 9; Length 5;  
; Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
; Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
; Db 2 RW 3

RESULT 22  
; US-09-903-412-108  
; Sequence 108, Application US/09903412  
; Publication No. US20030027319A1  
; GENERAL INFORMATION:  
; APPLICANT: Koide, Shohel  
; TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
; FILE REFERENCE: 109.050US1  
; CURRENT APPLICATION NUMBER: US/09/903,412  
; CURRENT FILING DATE: 2001-07-11  
; PRIORITY FILING DATE: 2000-07-11  
; PRIORITY APPLICATION NUMBER: US 60/217,474  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; LENGTH: 5  
; SEQ ID NO: 108

Query Match 100.0%; Score 16; DB 9; Length 5;  
; Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
; Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
; Db 2 RW 3

RESULT 23  
; US-09-906-749A-43  
; Sequence 43, Application US/09096749A  
; Patent No. US20030019517A1  
; GENERAL INFORMATION:

APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Viskins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 43:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE:  
 US-09-096-749A-43

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Misnmatches 0;

QY 1 RW 2  
 DB 2 RW 3

RESULT 24  
 US-09-096-749A-44  
 Sequence 44, Application US/09096749A  
 ; Patent No. US2002001951A1

GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE:  
 PRIORITY APPLICATION DATA:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Viskins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 46:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHETICAL: NO

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Misnmatches 0;

QY 1 RW 2  
 DB 2 RW 3

RESULT 25  
 US-09-096-749A-46  
 Sequence 46, Application US/09096749A  
 ; Patent No. US2002001951A1

GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE:  
 PRIORITY APPLICATION DATA:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Viskins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 46:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHETICAL: NO

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Misnmatches 0;

QY 1 RW 2  
 DB 2 RW 3

RESULT 25  
 US-09-096-749A-46  
 Sequence 46, Application US/09096749A  
 ; Patent No. US2002001951A1

GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE:  
 PRIORITY APPLICATION DATA:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Viskins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 46:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHETICAL: NO

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Mismatches 0; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Misnmatches 0;

QY 1 RW 2  
 DB 2 RW 3

RESULT 25  
 US-09-096-749A-46  
 Sequence 46, Application US/09096749A  
 ; Patent No. US2002001951A1

GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE:  
 PRIORITY APPLICATION DATA:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Viskins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 46:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHETICAL: NO

RESULT 26  
 ; ANTI-SENSE: NO  
 ; FRAGMENT TYPE: internal  
 ; ORIGINAL SOURCE:  
 ; US-09-096-749A-59  
 Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Mismatches 0; Original Source: US-09-096-749A-59  
 QY 1 RW 2  
 Db 2 RW 3

GENERAL INFORMATION:  
 APPLICANT: Koieda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Vlinsins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 67:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE:  
 US-09-096-749A-67

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Mismatches 0; Original Source: US-09-096-749A-59  
 QY 1 RW 2  
 Db 1 RW 2

RESULT 27  
 ; ANTI-SENSE: NO  
 ; FRAGMENT TYPE: internal  
 ; ORIGINAL SOURCE:  
 ; US-09-096-749A-67  
 ; sequence 59, Application US/09096749A  
 ; patent No. US2002019317A1

GENERAL INFORMATION:  
 APPLICANT: Koieda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Vlinsins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 59:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE:  
 US-09-096-749A-67

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05; Indels 0; Gaps 0;  
 Matches 2; Conservative 0; Mismatches 0; Original Source: US-09-096-749A-59  
 QY 1 RW 2  
 Db 1 RW 2

RESULT 28  
 ; ANTI-SENSE: NO  
 ; FRAGMENT TYPE: internal  
 ; ORIGINAL SOURCE:  
 ; US-09-096-749A-67  
 ; sequence 74, Application US/09096749A  
 ; patent No. US2002019317A1

GENERAL INFORMATION:  
 APPLICANT: Koieda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A

FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. VIKSNINS  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109-034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 74:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 MOLECULE TYPE: Peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE:  
 US-09-096-749A-74

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

Qy	1	RW	2	Db	2	RW	3

RESULT 29  
 US-09-096-749A-76  
 Sequence 76, Application US/09096749A  
 GENERAL INFORMATION:  
 PATENT NO. US20020019517A1  
 APPLICANT: Koleda, Shohel  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Weissner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 COMPUTER TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0b  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. VIKSNINS  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109-034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 78:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE:  
 US-09-096-749A-78

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

Qy	1	RW	2	Db	2	RW	3

RESULT 30  
 US-09-096-749A-78  
 Sequence 78, Application US/09096749A  
 GENERAL INFORMATION:  
 PATENT NO. US20020019517A1  
 APPLICANT: Koleda, Shohel  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Weissner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 COMPUTER TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0b  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. VIKSNINS  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109-034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 78:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE:  
 US-09-096-749A-80

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

Qy	1	RW	2	Db	2	RW	3

RESULT 31  
 US-09-096-749A-80  
 Sequence 80, Application US/09096749A

Patent No.: US20020019517A1  
 GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwedman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0b  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Vikenins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 82:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE: US-09-096-749A-82

Query Match 100 %; Score 16; DB 10; Length 5;  
 Best Local Similarity 100 %; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0;  
 QY 1 RW 2  
 Db 2 RW 3

RESULT 33  
 Sequence 84, Application US/09096749A  
 Patent No. US20020019517A1  
 GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwedman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0b  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Vikenins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 84:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

RESULT 32  
 Sequence 82, Application US/09096749A  
 Patent No. US20020019517A1  
 GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwedman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Disquette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0b  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Vikenins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 84:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
PATENT NO. US2002019517A1  
GENERAL INFORMATION:  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE: US-09-096-749A-84

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Db 2 RW 3

RESULT 34  
US-09-096-749A-86  
Sequence 86, Application US/09096749A  
PATENT NO. US2002019517A1  
GENERAL INFORMATION:  
APPLICANT: Koieda, Shohei  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402

COMPUTER READABLE FORM:  
MEDIUM TYPE: Disquette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/096,749A  
FILING DATE: June 12, 1998  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER:  
APPLICATION NUMBER:  
FILING DATE: June 12, 1998  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Ann S. Viknins  
REGISTRATION NUMBER: 37,748  
REFERENCE/DOCKET NUMBER: 109.034US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 373-6900  
TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 88:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE: US-09-096-749A-88

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Db 3 RW 4

RESULT 35  
US-09-096-749A-90  
Sequence 90, Application US/09096749A  
PATENT NO. US2002019517A1  
GENERAL INFORMATION:  
APPLICANT: Koieda, Shohei  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402

COMPUTER READABLE FORM:  
MEDIUM TYPE: Disquette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0b

RESULT 36  
US-09-096-749A-90  
Sequence 90, Application US/09096749A  
PATENT NO. US2002019517A1  
GENERAL INFORMATION:  
APPLICANT: Koieda, Shohei  
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
NUMBER OF SEQUENCES: 118  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
STREET: 121 South Eighth Street, Ste. 1600  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402

COMPUTER READABLE FORM:  
MEDIUM TYPE: Disquette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 2.0b

RESULT 35  
US-09-096-749A-88  
Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Db 3 RW 4

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:

ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Vikensins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 90:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE: US-09-096-749A-90

INFORMATION FOR SEQ ID NO: 90:  
 ID NO: 90:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE: 09-096-749A-90

Qy	1 RW 2	Db	3 RW 4
1 RW 2			
2 RW 3			

RESULT 38  
 US-09-096-749A-102  
 Sequence 102, Application US/09096749A  
 Patent No. US20020019517A1

GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei

TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES

NUMBER OF SEQUENCES: 118

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schweigman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0b

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:

ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. Vikensins  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109.034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 102:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE: US-09-096-749A-102

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e-05;  
 Matches 2; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

Qy	1 RW 2	Db	3 RW 4
1 RW 2			
2 RW 3			

RESULT 39

US-09-096-749A-104  
 Sequence 104, Application US/09096749A  
 Patent No. US20020019517A1  
 GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0b  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. VIKSNINS  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109-034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 106:  
 TELEPHONE: (612) 339-6900  
 INFORMATION FOR SEQ ID NO: 104:  
 TELEFAX: (612) 339-3061  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 FRAGMENT TYPE: internal  
 ORIGINAL SOURCE:  
 US-09-096-749A-104

Query Match 100.0%; Score 16; DB 10; Length 5;  
 Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 RW 2  
 |||  
 Db 2 RW 3

RESULT 41  
 US-09-096-749A-108  
 Sequence 108, Application US/09096749A  
 Patent No. US20020019517A1  
 GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0b  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. VIKSNINS  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109-034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 108:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid

RESULT 40  
 US-09-096-749A-106  
 Sequence 106, Application US/09096749A  
 Patent No. US20020019517A1  
 GENERAL INFORMATION:  
 APPLICANT: Koleda, Shohei  
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES  
 NUMBER OF SEQUENCES: 118  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.  
 STREET: 121 South Eighth Street, Ste. 1600  
 CITY: Minneapolis  
 STATE: MN  
 COUNTRY: USA  
 ZIP: 55402  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0b  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/096,749A  
 FILING DATE: June 12, 1998  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ann S. VIKSNINS  
 REGISTRATION NUMBER: 37,748  
 REFERENCE/DOCKET NUMBER: 109-034US1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (612) 373-6900  
 TELEFAX: (612) 339-3061  
 INFORMATION FOR SEQ ID NO: 108:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 5 amino acids  
 TYPE: amino acid

STRANDEDNESS: single  
TOPOLogy: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
US-09-096-749A-108

Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2  
||  
Db 2 RW 3

RESULT 42  
US-09-953-349-1  
Sequence 1, Application US/09953349  
Patent No. US20020099014A1  
GENERAL INFORMATION:  
APPLICANT: Brennan, Miles  
APPLICANT: Hochgeschwendter, Ute  
TITLE OF INVENTION: Method for Treatment of Insulin Resistance in Obesity and Diabetes  
FILE REFERENCE: 3718-7  
CURRENT APPLICATION NUMBER: US/09/953, 349  
CURRENT FILING DATE: 2001-09-13  
PRIOR APPLICATION NUMBER: 60/232, 292  
PRIOR FILING DATE: 2000-09-13  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn Version 3.0  
SEQ ID NO 1  
LENGTH: 5  
TYPE: PRT  
ORGANISM: Artificial sequence  
FEATURE:  
NAME/KEY: DOMAIN  
LOCATION: (1)..(5)  
OTHER INFORMATION: conserved region

US-09-953-349-1  
Query Match 100.0%; Score 16; DB 10; Length 5;  
Best Local Similarity 100.0%; Pred. No. 1.3e+05;  
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2  
||  
Db 2 RW 3

RESULT 43  
US-09-821-831-42  
Sequence 29, Application US/08484409  
Patent No. US20020076412A1  
GENERAL INFORMATION:  
APPLICANT: Steinman, Lawrence  
APPLICANT: Davwil, Scott  
TITLE OF INVENTION: METHODS FOR MODULATING THE IMMUNE SYSTEM  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SBED and BARRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/484,409  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.  
NAME: Maki, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 690068.409C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4 amino acids  
TYPE: amino acid  
STRANDEDNESS: linear  
TOPOLOGY: linear

US-08-484-409-29  
Query Match 81.2%; Score 13; DB 8; Length 4;  
Best Local Similarity 50.0%; Pred. No. 1.3e+05;  
Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2  
||  
Db 1 RW 2

RESULT 45  
US-10-165-015-10

PRIOR FILING DATE: 1998-10-07  
PRIOR APPLICATION NUMBER: AU PP6353  
PRIOR FILING DATE: 1998-10-06  
NUMBER OF SEQ ID NOS: 72  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 42  
LENGTH: 5  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic peptides

Publication No. US20030325941  
 GENERAL INFORMATION:  
 APPLICANT: PACTT, Tech Transfer Office University of Lausanne  
 APPLICANT: BONNY, Christophe  
 TITLE OF INVENTION: INTRACELLULAR DELIVERY OF BIOLOGICAL EFFECTORS  
 FILE REFERENCE: 20349-512.CIP  
 CURRENT APPLICATION NUMBER: US/10/165,015  
 CURRENT FILING DATE: 2001-10-15  
 PRIORITY FILING DATE: 2001-09-17, 831  
 PRIORITY APPLICATION NUMBER: 60/189,781  
 PRIORITY FILING DATE: 2000-10-13  
 NUMBER OF SEQ ID NOS: 37  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 10  
 LENGTH: 4  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: TRANSPORTER  
 OTHER INFORMATION: PEPIDE  
 US-10-165-015-10

Query Match 81.2%; Score 13; DB 9; Length 4;  
 Best Local Similarity 50.0%; Pred. No. 1.3e+05; Indels 0; Gaps 0;  
 Matches 1; Conservative 1; Mismatches 0; Db 3 KW 4

QY 1 RW 2  
 QY :|  
 Db 3 KW 4

RESULT 46  
 US-09-780-070-1  
 ; Sequence 1, Application US/09780070  
 ; Patent No. US2002009752A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Burke, James  
 ; APPLICANT: Strittmater, Warren  
 ; APPLICANT: Nagai, Yoshitaka  
 ; TITLE OF INVENTION: COMPOUNDS THAT SELECTIVELY BIND TO EXPANDED POLYGLUTAMINE REPEAT  
 ; TITLE OF INVENTION: AND METHODS OF USE THEREOF  
 ; FILE REFERENCE: 5405.242  
 ; CURRENT APPLICATION NUMBER: US/09/780,070  
 ; CURRENT FILING DATE: 2001-03-09  
 ; PRIORITY APPLICATION NUMBER: 60/189,781  
 ; PRIORITY FILING DATE: 2000-03-16  
 ; NUMBER OF SEQ ID NOS: 40  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1  
 ; LENGTH: 4  
 ; TYPE: PRT  
 ; ORGANISM: synthetic construct  
 ; US-09-780-070-1

Query Match 81.2%; Score 13; DB 10; Length 4;  
 Best Local Similarity 50.0%; Pred. No. 1.3e+05; Indels 0; Gaps 0;  
 Matches 1; Conservative 1; Mismatches 0; Db 2 KW 3

QY 1 RW 2  
 QY :|  
 Db 2 KW 3

RESULT 47  
 US-09-780-070-2  
 ; Sequence 2, Application US/09780070  
 ; Patent No. US2002009752A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Burke, James  
 ; APPLICANT: Strittmater, Warren  
 ; APPLICANT: Nagai, Yoshitaka  
 ; US-09-780-070-2

Query Match 81.2%; Score 13; DB 10; Length 4;  
 Best Local Similarity 50.0%; Pred. No. 1.3e+05; Indels 0; Gaps 0;  
 Matches 1; Conservative 1; Mismatches 0; Db 1 KW 2

QY 1 RW 2  
 QY :|  
 Db 1 KW 2

RESULT 48  
 US-09-854-204-66  
 ; Sequence 66, Application US/09854204  
 ; Patent No. US2002009826A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Fischer, Peter Martin  
 ; APPLICANT: Zhelev, Nikolai  
 ; TITLE OF INVENTION: Transport Vectors  
 ; FILE REFERENCE: CCI-010  
 ; CURRENT APPLICATION NUMBER: US/09/854,204  
 ; CURRENT FILING DATE: 2001-05-11  
 ; PRIORITY APPLICATION NUMBER: 09/438,460  
 ; PRIORITY FILING DATE: 1999-11-12  
 ; PRIORITY APPLICATION NUMBER: GB 9825000.4  
 ; PRIORITY FILING DATE: 1998-11-13  
 ; PRIORITY APPLICATION NUMBER: GB 9825001.2  
 ; PRIORITY FILING DATE: 1998-11-13  
 ; PRIORITY APPLICATION NUMBER: GB 9902525.6  
 ; PRIORITY FILING DATE: 1999-02-04  
 ; PRIORITY APPLICATION NUMBER: GB 9902522.3  
 ; PRIORITY FILING DATE: 1999-02-04  
 ; PRIORITY APPLICATION NUMBER: GB 9914578.1  
 ; PRIORITY FILING DATE: 1999-06-22  
 ; PRIORITY APPLICATION NUMBER: PCT/GB99/03750  
 ; PRIORITY FILING DATE: 1999-11-11  
 ; NUMBER OF SEQ ID NOS: 66  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 66  
 ; LENGTH: 4  
 ; TYPE: PRT  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 ; OTHER INFORMATION: sequence  
 ; US-09-854-204-66

Query Match 81.2%; Score 13; DB 10; Length 4;  
 Best Local Similarity 50.0%; Pred. No. 1.3e+05; Indels 0; Gaps 0;  
 Matches 1; Conservative 1; Mismatches 0; Db 1 KW 2

QY 1 RW 2  
 QY :|  
 Db 1 KW 2

RESULT 49  
 US-09-977-831-10  
 ; Sequence 10, Application US/09977831  
 ; Patent No. US20020120100A1

GENERAL INFORMATION:  
 APPLICANT: PACTT, Tech Transfer Office University of Lausanne  
 APPLICANT: Bonny, Christophe  
 TITLE OF INVENTION: INTRACELLULAR DELIVERY OF BIOLOGICAL EFFECTORS

FILE REFERENCE: 20349-512 TRANSPORTER peptides

CURRENT APPLICATION NUMBER: US/09/977, 831

PRIOR APPLICATION NUMBER: U.S.S.N. 60/240,315

PRIOR FILING DATE: 2000-10-13

NUMBER OF SEQ ID NOS: 37

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 10

LENGTH: 4

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: TRANSPORTER

OTHER INFORMATION: PEPTIDE

US-09-977-831-10

Query Match Score 13; DB 10; Length 4;

Best Local Similarity 81.2%; Pred. No. 1.3e+05;

Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
:1  
Db 3 KW 4

RESULT 50

US-10-105 930-57

Sequence 57, Application US/10105930

Publication No. US20030009018A1

GENERAL INFORMATION:

APPLICANT: Yaguchi, No. US20030009018A1

TITLE OF INVENTION: NOVEL HEMOPOIETIN RECEPTOR PROTEIN, NR12

FILE REFERENCE: 06501-105US1

CURRENT APPLICATION NUMBER: US/10/105, 930

CURRENT FILING DATE: 2002-03-25

PRIOR APPLICATION NUMBER: PCT/JP00/06654

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: JP 2000-240397

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: JP 11-273358

PRIOR FILING DATE: 1999-09-27

NUMBER OF SEQ ID NOS: 77

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 57

LENGTH: 5

TYPE: PRT

ORGANISM: Homo sapiens

US-10-105-930-57

Query Match Score 13; DB 9; Length 5;

Best Local Similarity 81.2%; Pred. No. 1.3e+05;

Matches 1; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2  
:1  
Db 3 KW 4

Search completed: February 21, 2003, 12:37:49

Job time : 32 secs